



Michigan Department of Community Health, 201 Townsend Street, Lansing, MI 48933

## JOURNAL ARTICLES

A [new study](#) in the *Journal of Infectious Diseases* found that patients with influenza can emit small virus-containing particles into the surrounding air during routine patient care, potentially exposing health care providers to influenza.

### Related News articles:

- [Patients Can Emit Small, Influenza-Containing Particles Into the Air During Routine Care](#)
- [Study: Airborne flu viruses may play big role in transmission](#)

## FLU VACCINATION RESPONSE IN ELDERLY

Researchers in [Science Translational Medicine](#) reviewed antibodies in the blood of people before and after flu vaccination and found that the number of antibody types shrink with age, suggesting that vaccines may work differently in older people. Scientists have known that the elderly do not develop a robust immune response; this study sheds some light on why this happens.

## ADDITIONAL JOURNAL ARTICLES

- [Characteristics of Hospitalized Cases with Influenza A \(H1N1\)pdm09 Infection during First Winter Season of Post-Pandemic in China](#)
- [Low vaccine effectiveness against influenza A\(H3N2\) virus among elderly people in Denmark in 2012/13 - a rapid epidemiological and virological assessment](#)

## INFLUENZA VACCINE RESEARCH INITIATIVES

- [Scientists Find T-Cell Protein That Helps Ward Off Influenza](#)
- [Three NIH-Sponsored Clinical Trials Test Influenza Treatments](#)

## INFLUENZA ACTIVITY

Similar to the United States, Europe's influenza season started earlier than in the previous season and western Europe and Scandinavia were the first affected areas. So far there is no clear dominance of any particular influenza viruses according to the [European Center for Disease Prevention and Control](#).

### Additional Flu Activity Report

- [Early and unexpectedly severe start of influenza epidemic in the Czech Republic during influenza season 2012-13](#)

## INFLUENZA-RELATED NEWS ARTICLES

- [Opinion Piece: Required Flu Vaccines for Healthcare Workers Won't Protect Patients](#)
- [Flu vaccine mandate protects patients' rights: Our view](#)
- [Why our flu vaccines can't keep up](#)
- [UI study suggests flu vaccine protects against heart attacks](#)
- [Flu Is Tonic for Drugstore Sales](#)

## PANDEMIC INFLUENZA

Based on a new Centers for Disease Control and Prevention (CDC) [study in Emerging Infectious Diseases](#) the monovalent 2009 pandemic vaccine saved roughly 300 lives and prevented about 1 million illnesses and 6,000 hospitalizations, or under 3% of the estimated total burden in each category.

- **Related News Article:** [CDC: Pandemic vaccine prevented 1 million cases, 300 deaths](#)

## AVIAN INFLUENZA

[According to a review](#) in *Clinical Infectious Diseases*, there is little evidence of unrecognized human cases of H5N1 avian influenza. The researchers concluded that, "it is essential that future studies adhere to WHO criteria and include unexposed controls in their laboratory assays to limit the likelihood of false positive results."

### News Articles

- [Review finds little evidence of missed H5N1 infections](#)
- [WHO: Cambodia confirms 5 new cases of avian influenza](#)

## FLU VACCINES REQUIRED TO BE ENTERED INTO MCIR

As a reminder, providers are required to report flu immunizations administered to every child less than 20 years old within 72 hours of administration into the [Michigan Care Improvement Registry \(MCIR\)](#). Please ensure you are entering your doses for adults as well!

## WEBSITES

[www.michigan.gov/flu](http://www.michigan.gov/flu)  
[www.cdc.gov/flu](http://www.cdc.gov/flu)  
[www.flu.gov](http://www.flu.gov)  
<http://vaccine.healthmap.org/>

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